

Mitigation Subcommittee Report to the Steering Committee, November 14, 2000

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State Reports: Alaska provided tsunami signs to Homer and Seward and installed signs in a remote area frequented by kayakers and inundated in 1964. Earthquake effects are linked with tsunami education through Shake Cottage demos at fairs. The Cottage cost \$30,000 but might be built for \$6,000. Maintenance is low cost. The motor and gear box cost \$2,500. The tandem trailer costs \$1,500. Sponsors paid for shipping and earned logo display with Cottage demos. DOT leased a pick up (not 4-wheel drive) for transport for \$500 per year. BP bought a generator to power the Cottage where necessary. The Cottage must be attached to the truck during demos and preference of facility owners is to run it outside. Liability concerns are met by use of a five point aircraft harness. 50 requests for use were received without advertising. The Cottage is a "media magnet" and MSNBC has requested an interview with ADES.

California presented inundation maps and landslide data drawing South California media attention. L.A. County is interested with 500,000 to 600,000 people at risk. Maps create a demand for more maps. The fair drew 8,000 visitors. A shake table and wave tank demonstrated tsunami and earthquake concepts. A new Crescent City map shows the 1960 and 1964 inundation areas, evacuation routes, and paleo-tsunami deposits. The Redwood Coast Tsunami Work Group continues to meet quarterly. An interactive computer that demos wave models and travel times is planned for future fairs. Larry Mintier presented the latest version of Tsunami Hazard Mitigation Guidelines, a multi-state project led by California.

Hawaii introduced new tsunami advisors, Dr. Laura Kong and Dr. Gerard Frye. Hawaii is developing a post-tsunami data survey tool using IOC guides and will view the EERI Post-Earthquake Field Guide for ideas. The tool should be a model for other states and should be in place to drive future FRP resources. The state video is completed and will be shared. It includes both survivor stories and response issues.

Oregon sent out a sign problem survey and will report its findings. The Coquille tribe wants to partner and do a sign education project related to them. Evacuation planning and brochure development continues with schools and communities. Later during the meeting, Mark will be discussing the status of the Local Tsunami Warning System multi-state project that Oregon has been leading.

Washington presented many new products including a tsunami evacuation PSA, curriculum for K-6 and 7-12, a discussion of their NOAA Weather Radio partnership to provide better warning coverage, and large attractive tsunami evacuation signs printed on a cheaper material to combat theft of the expensive signs. Washington announced their new tsunami advisor and urged all states to appoint one to improve the quality of information during the next warning or actual event.

The Subcommittee Coordinator will rerun and expand the 94 baseline survey to measure performance.

The Subcommittee Activities Matrix and Program Gaps: The Activities Matrix is a framework to

track progress of the Strategic Implementation Plan. States are to be commended on meeting many of the Plan goals. Some of the next work should focus on remaining gaps in product development. There are three gaps in products for the Education Element: tsunami mitigation cost/benefit information, library-type materials inventory, and training materials. All other items under this element have been addressed by all or most states. Most or all of the states have addressed Tools for Emergency Managers. However, Guides for Unmapped Communities has not been addressed by all and is important as the demand for maps increases with inadequate funds. Huge gaps existed for the Building and Land Use Guidance Element, some of which are addressed with the Mintier project. Infrastructure Guides remain important but sparse. Information Exchange and Coordination items are well addressed by states, however, we know that a resource catalog of the many state products and activities is sorely needed. The last planning element, Long-Term Tsunami Mitigation, shows some items well-addressed by most or all states with the exception of a post-tsunami recovery guide, loss estimation, and tsunami legislation.

Budget Discussion: Gaps should drive some of the work. Budget discussion is currently incomplete, but suggestions are as follow. Maintain state programs at \$51,315. Add \$7K per state for self-evaluation. The proposed multi-state project list includes: maintenance of TsuInfo as our Resource Center at \$26K, add \$4K to the previous item for a state products inventory, reprints of the Atwater booklet at \$14K, a new Atwater booklet more closely tied to Cascadia for \$14K, the re-run and expanded 94 baseline survey as a performance measure of NTHMP for \$10K. These items need more discussion before final determination.